Approved for use through 10/31/2002 OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of \$25, no persons required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form (COMPLETE IF KNOWN)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

Please type a plus sign (+) inside this box

COMPL	ETE IF KNOWN			
Application Number	10/014,364			
Confirmation Number				
Filing Date	December 11, 2001			
First Named Inventor	Raul Victorino Nunes			
Group Art Unit				
Examiner Name				
Attorney Docket Number	8625			

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.1	U.S. PATENT DOCUMENT Number Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
144	11	3,658,552	Carlson, et al.	Apr. 25, 1972	
	2	4,187,326 ;	Serafino, et al.	Feb. 5, 1980	
	3	4,276,311	Burrows, et al.	Jun. 30, 1981	
	4	4,504,504	Gaehring, et al.	Mar. 12, 1985	
	5_	4,529,613 -	Mezzino, et al.	Jul. 16, 1985	
	6	4,612,204	Huffman	Sep. 16, 1986	
	7	4,619,883	Anderson	Oct. 28, 1986	
	9	5,356,654	Speirs, et al.	Oct. 18, 1994	
	10	5,385,748	Bunger, et al.	Jan. 31, 1995	
	11	5,498,702	Mitchell, et al.	Mar. 12, 1996	
	12	5,529,796	Gobbo, et al.	Jun. 25, 1996	
	13	5,571,334 ^	Dunn, et al.	Nov. 5, 1996	
	14	5,576,039 4	Lewis	Nov. 19, 1996	
	15	5,656,734	Ehrlich	Aug. 12, 1997	
V	16	5,866,190 ,	Barey	Feb. 2, 1999	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.1	FO Office ³	PREIGN PATENT DC Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	Te.
100/	17	ΕP	0 639 335 B1		Lelli, et al.	Jun. 17, 1998		
	18	VO	99/37685		Marr, et al.	Jul. 29, 1999	· ·	
	19	WO	00/08952		Madsen, et al.	Feb. 24, 2000		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
EVANINGS					
EXAMINER	0	lle Prutt	DATE CONSIDERED 8-26-03		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

RECEIVED

JUL 2 8 2003

Please type a plus sign (+) inside this box \rightarrow [+]

TC 1700

PTO/SB08A (10-01)

Approved for use through 10/31/2002 OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO	COMPLETE IF KNOWN		
	Application Number	10/014,364	
INFORMATION DISCLOSURE	Confirmation Number	1135	
STATEMENT BY APPLICANT	Filing Date	December 11, 2001	
(use as many sheets as necessary)	First Named Inventor	Raul Victorino Nunes	
	Group Art Unit	1761	
JUL 2 4 2003 ::-	Examiner Name	Not Yet Assigned	
SHEET 1 of 1	Attorney Docket Number	8625	

TRADEUS. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
			<u> </u>		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.1	FOREIGN PATENT DO	CUMENT Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	1 _e
HA		EP 0 949 294	- -	Oct 13, 1999	Kamada et al	-	
180		WO 02 43509		June 6, 2002	Krawczuk		
					Vetal	, .	
		*					
					·		

OTHER ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
EXAMINE	710	len Prakt	DATE CONSIDERED 8-26-03		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.